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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Andrew D. Barofsky & Kenton W. Gregory

Serial No.: 08/797,770

Art Unit: 3738

Filed: February 7, 1997

Examiner: Paul Prebilio

For: METHOD FOR USING TROPOELASTIN AND FOR PRODUCING
TROPOELASTIN BIOMATERIALS

Assistant Commissioner for Patents
Washington, D.C. 20231

I HEREBY CERTIFY THAT THIS CORRESPONDENCE IS BEING DEPOSITED WITH THE UNITED STATES POSTAL SERVICE AS FIRST CLASS MAIL IN AN ENVELOPE ADDRESSED TO:
☒ COMMISSIONER OF PATENTS AND TRADEMARKS, WASHINGTON D.C. 20231
☐ ASSISTANT COMMISSIONER FOR PATENTS, WASHINGTON D.C. 20231
☐ ASSISTANT COMMISSIONER FOR TRADEMARKS, 2900 CRYSTAL DRIVE, ARLINGTON, VA 22202-3513

ON Nov 29, 2001

AMENDMENT

This Amendment is filed with respect to the Office Action dated 5/23/01.

In the Claims:

Amend claims 1, 23, 47, 49, 74, 89, 91, 99, 101& 103, as follows:

1. **(Twice Amended)** A method for producing a biomaterial fused onto a tissue substrate comprising:

providing a layer of said biomaterial consisting essentially of tropoelastin having a first and second outer major surface and a tissue substrate having a first and second outer major surface; and

applying an energy absorbing material, which is energy absorptive within a predetermined range of light wavelengths, to a selected one of said first and second outer surfaces of the biomaterial in an amount which will cause fusing together of one of said first and second outer surfaces of the biomaterial and one of said first and second outer surfaces of said tissue substrate, said energy absorbing material penetrating into the interstices of said biomaterial;

irradiating the energy absorbing material with light energy in said predetermined